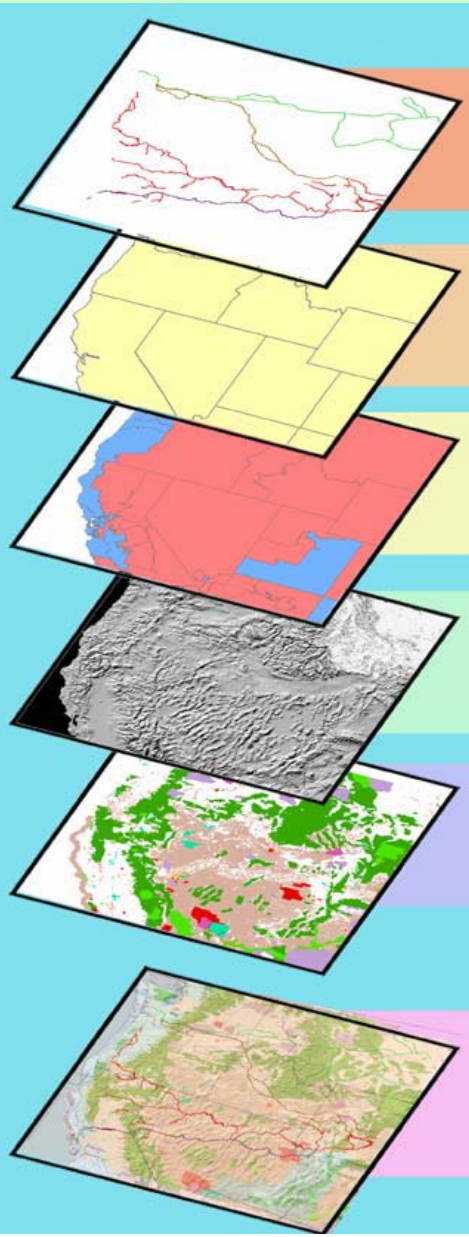
Interagency Trails
Tabular & Geospatial Attributes

These slides represent a conceptual picture of the attributes that are included in the Interagency trails data standard. It is not intended to tell an organization how to implement the data standards in their database.

Example Use of Thematic Map Layers

This is one of several representations on how trail geospatial and tabular attributes can be organized and integrated.



Layer: Trails
Map Use: Depicts Trail geoometry including related attributes from facilities
Attributes: NAME, NUMBER, SEGMENT, STATUS, LENGTH, ...
Represenation: Points and lines

Layer: State Boundaries
Map Use: To depict State and County Boundaries
Attributes: AREA, STATE_NAME, STATE_FIPS, SUBREAGION, ...
Represenation: Points, Lines, and Polygons

Layer: GeoPolitical
Map Use: To depict Congressional Districts
Attributes: NAME, PARTY, DISTRICTID, STFIPS, STATE_ABBR
Represenation: Points, Lines, and Polygons

Layer: Slope (Averaged)
Map Use: To depict surface slope
Attributes: SLOPE_PERCENTAGE
Represenation: Raster Data

Layer: Federaly Owned Lands
Map Use: Location and area of Federal Lands
Attributes: FEATURE1, FEATURE 2, AGBUR, NAME1, NAME2, NAME3, ...
Represenation: PointS, Lines, and Polygons

Layer: Composite
Map Use: To depict how trail attributes maye be queried to show a given segment
Attributes: All above
Represenation: Points and Lines

Geospatial “Cookie Cutter”

This is one example on how thematic layers can be used to find trail information through relationships on geospatial data layers. By 'using a cookie cutter' one can find tabular and geospatial data related to a trail.

Below, the top layer has the trail name, number & condition. The 2nd layer the county & state, the 3rd layer the visitor center. The bottom layer is the combination of the other 3 layers so one can gather information, such as: “What facilities are along the ‘X’ trail segment reside in ‘Y’ county?” or “What trail, if any, is Facility F on?”

Sample Layers

1. Trail

- Number, Name, Condition

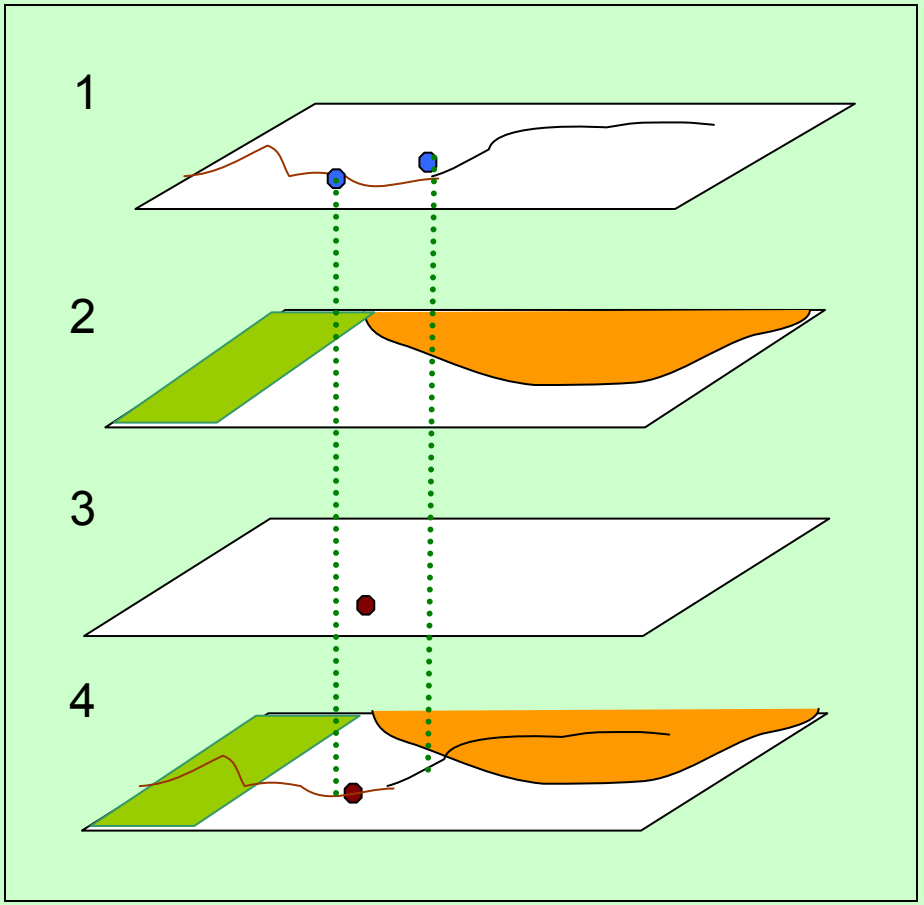
2. State Boundaries

- County, State

3. Facility

- Visitor Center Name, Location, Visitor Center Activities

4. Composite or Viewed layer
(Combined layers 1-3 for analysis)



Conceptual Trail Attribute Relationships

This conceptual diagram shows the relationship between attributes; it is not intended to show how to implement the standards